PROMOUNT PLUS 2700

ROLL LAMINATOR & MOUNTER

O W N E R S M A N U A L

C A L L T O L L F R E E

1-800-282-9290

FOR USI EDUCATION OR GOVERNMENT SALES 1-800-243-4565

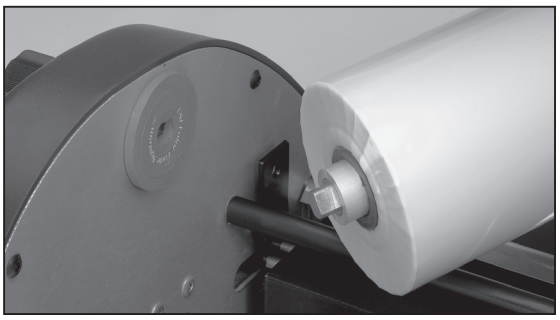
USI

Inc. Since 1975

USI's New Color-Code Film System

USI Color Codes all of its Roll Film and Roll Laminators!

We are the only lamination company to offer this unique trouble-free system. That's right, we are making film loading even easier. We have completely removed the possibility of placing the adhesive side of the film down on the machine. This is a common problem for most laminator users. That problem will no longer be yours. When it comes to laminating, USI is here to make the job as easy and convenient as possible!

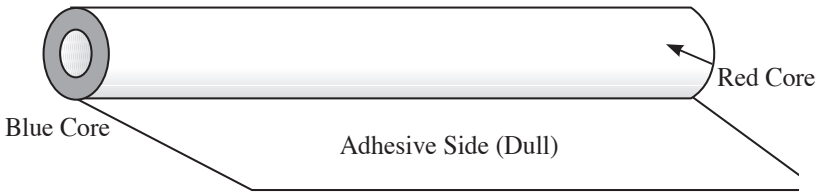


Here's how it works:

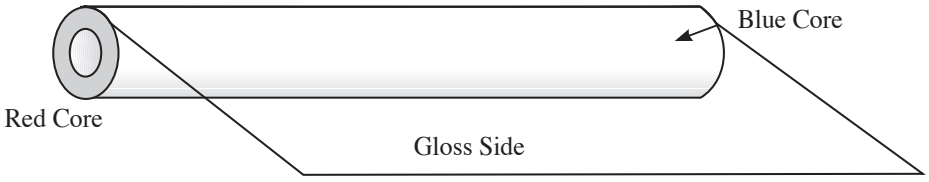
Your new roll laminator is color coded on the upper and lower film supply mandrels and machine side housings. All 1" and 2 1/4" roll films are also color coded as well. Simply match the red core of the film roll to the red end of the supply mandrel and machine side housing. For the bottom mandrel, simply match the blue core of the film roll to the blue end of the supply mandrel and machine side housing. Now simply thread the film as shown in the manual and you're ready to laminate with confidence!

Color Code helps you easily match up the correct side of the roll when installing film onto your roll laminator.

Roll Film Rolled Adhesive Side In



Roll Film Rolled Adhesive Side Out



Please feel free to call our Technical Department if you should have any questions about this process. **800-752-9131**

If it's not color code, it's too hard to load!

USI Corporate Headquarters:
98 Fort Path Road Madison, CT 06443-2264
(203) 245-8586 • (800) 243-4565 • Fax 24 Hour (203) 245-7337

East Coast Distribution Center: Madison, Connecticut
West Coast Distribution Center: Phoenix, Arizona

OPERATING INSTRUCTIONS
ProMount Plus 2700

1 IMPORTANT SAFEGUARDS

When using electrical appliances, basic precautions should always be followed to reduce the risk of electric shock and injury to people, including the following:

1. Read all instructions.
2. Always unplug the appliance when not in use or before cleaning.
3. Do not use outdoors.
4. Extreme caution should be taken when the appliance is used by or near children or invalids.
5. To protect against risk of electrical hazards, do not immerse cord, plugs, or appliances in water or other liquids.
6. Do not operate the appliance with a damaged cord or plug, or after the appliance malfunctions, has been dropped or is damaged in any manner. Return appliance to the nearest authorized service facility for examination, repair, or adjustment.
7. Do not use accessory attachments not recommended or sold by the appliance manufacturer.
8. Do not let cord hang over edge of counter, or touch hot surfaces.
9. Do not use the appliance for other than intended use. This appliance is intended for Office or Household use only.
10. The Socket outlet shall be installed near the equipment and shall be easily accessible.
11. Warning: Hazardous moving parts - keep fingers and other body parts away.

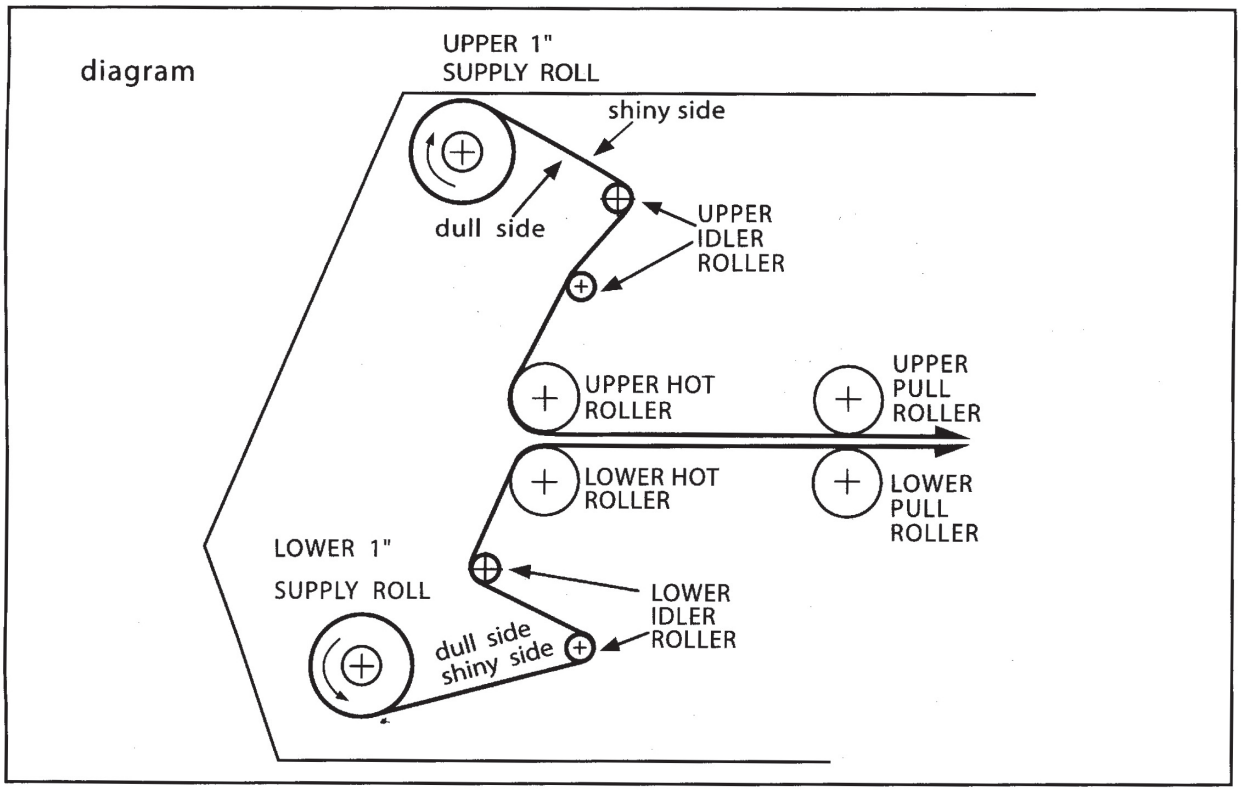
2 LOCATION

Please remove the laminator carefully from the transit packaging, place the machine on a flat work surface. Locate the machine in the area where it will normally be used ensuring adequate room for the finished laminate to feed out at the back.

3 HOW TO USE

LOADING THE FILM.
Unpack the upper and lower rods. Remove feed tray. Slide the roll of film onto the rods, leaving equal lengths of rod out of each end. Use the guide marks to position the roll of film. Load the rods onto the laminator.

THREAD THE FILM.
Do not mistake the re-inforcing bar for idler roller. To thread the film through the *"hot"* rolls & pull rolls, please pull the handle forward to release pressure on all the rollers. Push the film through the rollers and make sure the film is perfectly aligned top and bottom.
(Note: overlap will cause the film to deposit residue on the hot roll and pull rolls, so this procedure is critical). Replace the feed tray.



HEAT & SPEED ADJUSTMENT ProMount Plus 2700

1. Turn on the power switch, the digital screen display will show the previous temperature setting. Please set the temperature to 90°C (194°F) to start the heat process. By pressing the "∧" or "∨" key of the "TEMP/SET", users can re-set the temperature. The lowest temperature this machine can be set is 90°C (194°F). The digital screen display will beep showing the set temperature for 3 seconds. After that, it will show the actual machine temperature.

2. Press the "HOT" key for heating once the temperature is set and the heater light will glow.

3. The machine will buzz/beep once it reaches 80°C (176°F) for at least 3 minutes. This is to alert the user that the machine will start running. You can stop the beep by setting the motor speed to 1.

4. Press the "∧" or "∨" key of "MOTOR" to set the motor speed for lamination. The table °C below gives some common temperature/speed settings for typical uses.

   Notes:
   If the machine is left unattended and the motor speed is not adjusted, the machine will stop in approximately 3 minutes. This feature protects the Hot Rollers as they must constantly turn while the heat is on.

FILM THICKNESS	Temperature	Speed
1.5 Mil (38 Micron)	110°C / 230°F	4
3 Mil (75 Micron)	110°C / 230°F	3
5 Mil (125 Micron)	125°C / 257°F	3
10 Mil (250 Micron)	135°C / 275°F	3

TENSION ADJUSTMENT

Top and bottom supply rolls should have about the same tension. By turning the top roll with one hand, and the bottom roll with the other hand, it can be determined if one of the rolls is tighter than the other.
To increase tension, turn the adjusting knob clockwise. To decrease tension, turn the knob counter clockwise. If the tension is not equal top an bottom, the laminated product will curl. If it curls up when it comes out of the machine, the top roll is probably tighter than the bottom. If it curls down, the bottom roll is probably tighter. Even tension on the top and bottom ensures flat lamination.

REVERSE

The machine has a “REVERSE” function. By pressing the “REVERSE” key, the user can pull out the documents from the machine to prevent any jam or damage.

CUT-OFF KNIFE

Use the knife set (in the backside of the machine) to trim the documents.

TURN OFF LAMINATOR

When finishing the laminating job, please press the “COOL” key to turn off the heat. The motor will stop only when the roll temperature is lower than 80°C (176°F) to protect the heated rolls. We recommend to keep the motor running and turn off the machine only after the roll temperature is lower than 50°C (122°F). However, incase you need to turn off the motor while roll temperature is higher than 80°C (176°F), you can adjust the speed to “1” and press the motor speed key for 3 seconds. If so, the speed will jump to “0” and the motor will stop.
1. This laminator is made to use a 1” core with maximum width 690mm (27”) roll film.
2. If user wants to hold the lamination just temporary without turning off the machine, this can be done by pushing the HANDLE forward to release hot & pull rolls. This will cause the film to stop running. Pull the HANDLE backward again to engage the hot/pull rolls and the machine can do the lamination job again.
3. You can stop lamination by controlling the handle.

TROUBLE SHOOTING

1. The screen will appear “ER1” if the thermometer inside the machine is damaged. In this case, the machine will turn off automatically in order to protect the machine.
2. The screen will appear “ER2” if the machine keeps heating over 12 minutes. In this case, the machine will turn off automatically in order to protect the machine.
3. The screen will appear “ER3” if the machine temperature is higher than 200°C (392°F). In this case, the user will hear “BUZZER” and the machine will turn off automatically in order to protect the machine.
4. Any of these error messages: ER1/ER2/ER3 may indicate possible replacement needed of PC board. Please contact your vendor or dealer.

4 CARE AND CLEANING

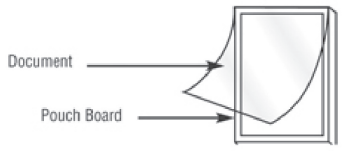
1. This appliance is for Office or Household use only. Any servicing, other than cleaning and user maintenance, should be performed by an authorized service representative.
2. Do not immerse in water.
3. To reduce the risk of fire or electric shock, do not remove the base. No user serviceable parts are inside.
4. Keep your hands and cord away from hot parts of the appliance during operation.
5. Never clean with scouring powders or hand implements.
6. Wipe clean with a soft cloth.
7. Shield is available as an accessory.

5 MOUNTING MADE EASY

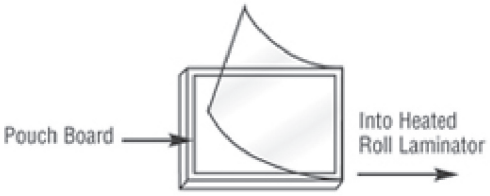
USI's full line of mounting and laminating products are designed and engineered to allow the novice user to confidently mount and laminate wide format graphic prints. The user selects from pre-sized mount boards and laminating pouches. Pre-sized means no guesswork. Simply match up the size of the print to the matching size board or pouch. Save time and money. Trimming and waste are completely removed. It's easy, hassle-free, and can be done in two simple steps!

1. Select the correct-size mount board or pouch film for the print.

Note: when using a laminating pouch or mount board with film overlay, the document will be slightly smaller than the film or board being used, this will allow for encapsulation.

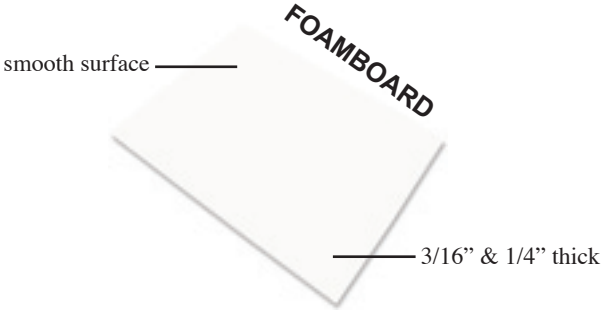


2. Simply slide the print in between the film pouch or mount board pouch and run it through USI ProMount Plus 2700 roll laminator.



FOAM BOARD OPTIONS

ProMount Foam Board (No Adhesive)
ProMount Foam boards are foam boards without any adhesive. Easy to use and economical, they are designed for jobs that will not be displayed for extended periods of time



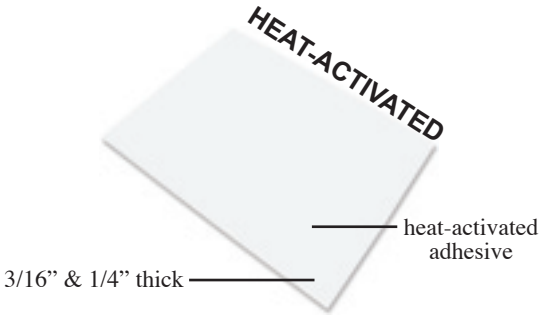
Mount a laminated or non-laminated print by

coating its back with a spray adhesive and applying it to the board.

ProMount Self-Adhesive Foam Boards
ProMount Self-adhesive foam boards are coated with a layer of adhesive covered with a paper release liner. Users prefer them when they process larger runs and want to be sure that the board, laminate and print have a good bond and a high-quality professional finish.

Mount a laminated or non-laminated print by peeling back the release liner to reveal the pressure-sensitive adhesive. Position the print and press firmly. When using a heated roll laminator, you can laminate while applying the print at the same time.

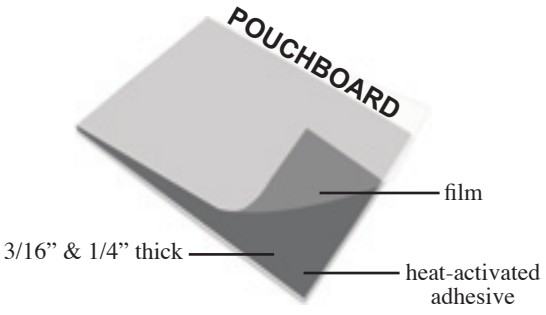
ProMount Heat-Activated Foam Boards (a.k.a. Adhesive Boards)
Coated with a layer of heat-activated thermal adhesive, these boards are designed for mounting non-laminated prints and require a heated roll laminator like the ProMount Plus 2700. These boards assure a professional look with a good bond and a smooth, even surface that does not peel or blister.



Mount a print by placing it between the board and a release liner then feed it through the laminator.

TIP: Make sure the shiny side of the release liner is against the board.

ProMount Pouch Boards - Laminate and Mount All in One Step!
USI's Pouch boards are constructed from heat-activated foam boards with a film laminate hinged to the top of each board to form a pouch. This method is quick, simple and requires no real training. Each board has a high-quality professional bond and rich finish.



Mount and laminate in a single step, by sliding a print between the board and film, then feeding it through a heated roll laminator. Like heat-activated boards, the laminator must be able to open wide enough to feed the board through.

USI offers two options:

ProMount Pouch Boards for your everyday applications.

ProMount Ultra Pouch Boards are ultra-rigid boards to help prevent warping or bow when working with prints and wide-format graphics.

MOUNTING INSTRUCTIONS

The **USI ProMount Plus 2700** is especially designed to laminate and mount up to 1⁄4" thick. Mounting greatly improves the presentation.
Thermal mounting is the process of adhering a document to a stiff support, backing, or substrate such as foamboard through the use of adhesives, pressure, and heat. Over 90% of all documents, prints and similar substrates have the potential to be mounted.

To mount make sure the handle is lifted up to create the gap in the rollers. Position your item on the mounting board and gently feed it into the rollers. See below for additional tips. For best results, USI recommends using the time saving mounting boards described below.

The six most popular mounting methods with the ProMount Plus 2700:
1. ProMount Pouch boards – laminate & mount all in one step!
Simply remove the lamination film rolls from the ProMount 2700. Then slide the print between the board and the film and feed it through the laminator.

If you require an ultra-rigid board to help prevent warping and bow with wide format graphics, then choose the ProMount Ultra Pouch Boards.

2. ProMount Heat-Activated Foam Boards – for mounting non-laminated prints on a board with heat-activated thermal adhesive. Remove the lamination film rolls from the ProMount 2700. Then place the print between the board and the release liner and feed it through the laminator.

TIP: Make sure the shiny silicone side of the release liner is against the board.

3. ProMount Self – Adhesive Foam Boards – for mounting laminated or non-laminated prints. Remove the lamination film rolls from the ProMount 2700. Then peel back the release liner to reveal the pressure-sensitive adhesive. Position the print and press firmly.
If desired, you can laminate while applying the print at the same time too.

4. ProMount Foam Boards (No Adhesive) – Coat the board with a spray adhesive and mount print.

5. Encapsulate with ProMount Foam Boards – laminates both sides of board for a strong, rigid finish. Place the print on either a heat activated or self-adhesive foam board and then feed the board through the laminator.

6. Mount and Create a Self-Adhesive Sign, Poster, or Sticker...all-in one step.
Install USI's Pressure Sensitive-Back Decal lamination film on the bottom roller and USI OptiClear or DigiSeal film on top. Then run print through laminator and peel & stick print onto a mounting board or other substrate.

USI Free Technical Service assistance is available to answer your questions or provide helpful tips and advice. **1-800-282-9290 or online: www.USI-Laminate.com**

FILM

USI offers the highest quality lamination film on the market today.

OPTI CLEAR® ROLL FILM
The Clearest Film In The World

Opti Clear® Roll Film produces a permanent bond to paper and additional substrates including those with wax based ink, clay coated surfaces and heavy ink laydowns. Opti Clear® has a melting temperature of approximately 220°-250°F. Exceptionally clear results makes this film the optimum choice for library book jackets, poster boards, menus, educational aids and more.

PHOTO PLUS® ROLL FILM
#1 Film For Photographic Purposes

USI's premium Photo Plus® Roll Film utilizes the highest quality and most aggressive adhesive to insure a superior bond to photographic surfaces. Adherence capabilities are numerous and include plastic, metal, vinyl, wax based ink, photographs and color copy bonding. Excellent resistance to extreme temperatures ensures a hard, solid product that will not crack, break or soften. The bonding temperature of Photo Plus® Roll Film is 235-250°°F.

DIGISEAL® ROLL FILM WITH UVI

USI's DigiSeal®, low temperature with Ultra Violet Inhibitors (UVI), Roll Film is the ideal choice for laminating sensitive mediums or latex based surfaces, such as wide format inkjet output. Designed with special inhibitors that block the damaging effects of ultraviolet radiation sunlight and fluorescent lighting. DigiSeal® has a melting temperature of approximately 185°-220°F.

ULTRA VIOLET ROLL FILM

UV Roll Film was designed with UVA and UVB inhibitors that serve to block the sun's rays. This specially coated film eliminates the deterioration and breakdown caused by extreme exposure.
Laminated projects can be produced well in advance and displayed indoors or outdoors without worry. UV Film has a melting temperature of approximately 220°-250°F.

PRESSURE SENSITIVE ROLL FILM

Pressure sensitive decals can be manufactured in minutes, saving budgeting dollars. Just remove the release liner on the back and stick to most any surface! Combine with medium weight, 5.0 mil Opti Clear Roll Film to produce the best results. Pressure Sensitive Film has a melting temperature of approximately 235°-275°F.

ULTRA MATTE ROLL FILM

Ultra Matte Roll Film easily accepts pen, pencil and marker, while resisting smudging. The frosted glare free finish provides exceptional indoor-outdoor application. Ultra Matte Roll Film offers firm adherence to paper, vinyl, plastic and some metal. Ultra Matte Film has a melting temperature of approximately 235°-250°F.

STANDARD ROLL FILM

Superb value for your dollar, USI's Standard Roll Film is the obvious choice for anywhere cost is the deciding factor. Standard Roll Film offers strong bonding characteristics to paper and paper type products. This low density resin has a melting temperature of 275°-300°F and a bonding temperature 280°F. FDA Approved.

VALUEWRAP ROLL™ FILM

USI's most economical film yet, ValueWrap is the perfect film for our price-sensitive customers. This film works best on prints with low ink coverage, and is a great choice when laminating crafts, projects, and other every day items where the brilliance of our higher end films is not necessary. Bonding temperature is 260°F.

USI provides FREE Technical Assistance for helpful tips and advice.
For advice or to order, call:
1-800-282-9290 or online: www.USI-Laminate.com
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